HORTGRO
Growing Fruit IQ

Pomegranate Production Costs 2021

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Xolela Dlikilili
HORTGRO: Agriculture Economist

Assumptions

- Plant Density: 5m x 2m = 1 000 Trees / hectare
- No Ridging
- No Drainage
- No Fumigation
- No pollination
- Trellising – V trellis – only establish in 2^{nd} year: R60 506 (including labour for trellising)
- Plastic Mulch
- Labour cost calculated at minimum wage rate

CAPITAL LAYOUT	
Pre-harvest Costs	**143 679**
Plant material	38 855
Cross-Rip	34 649
Irrigation System	33 383
Labour Costs	11 967
Fertilizer	12 403
Repairs & Maintenance	5 500
Weed Control	4 043
Soil Sampling	1 373
Electricity	1 506
Overhead Cost	**32 730**
Overhead	21 499
Water costs	2 371
Interest on Loan	1 676
Depreciation on orchard	7 184
TOTAL COST	**176 409**

27%

24%

23%

FULL BEARING COSTS	
Packing Material	153 114
Overhead Cost	34 129
Spray Program	37 425
Labour Cost	28 466
Fertilizer	17 194
Transport rental	14 604
Electricity	5 476
Repairs & Maintenance	7 307
TOTAL COST	**297 715**

51%

11%

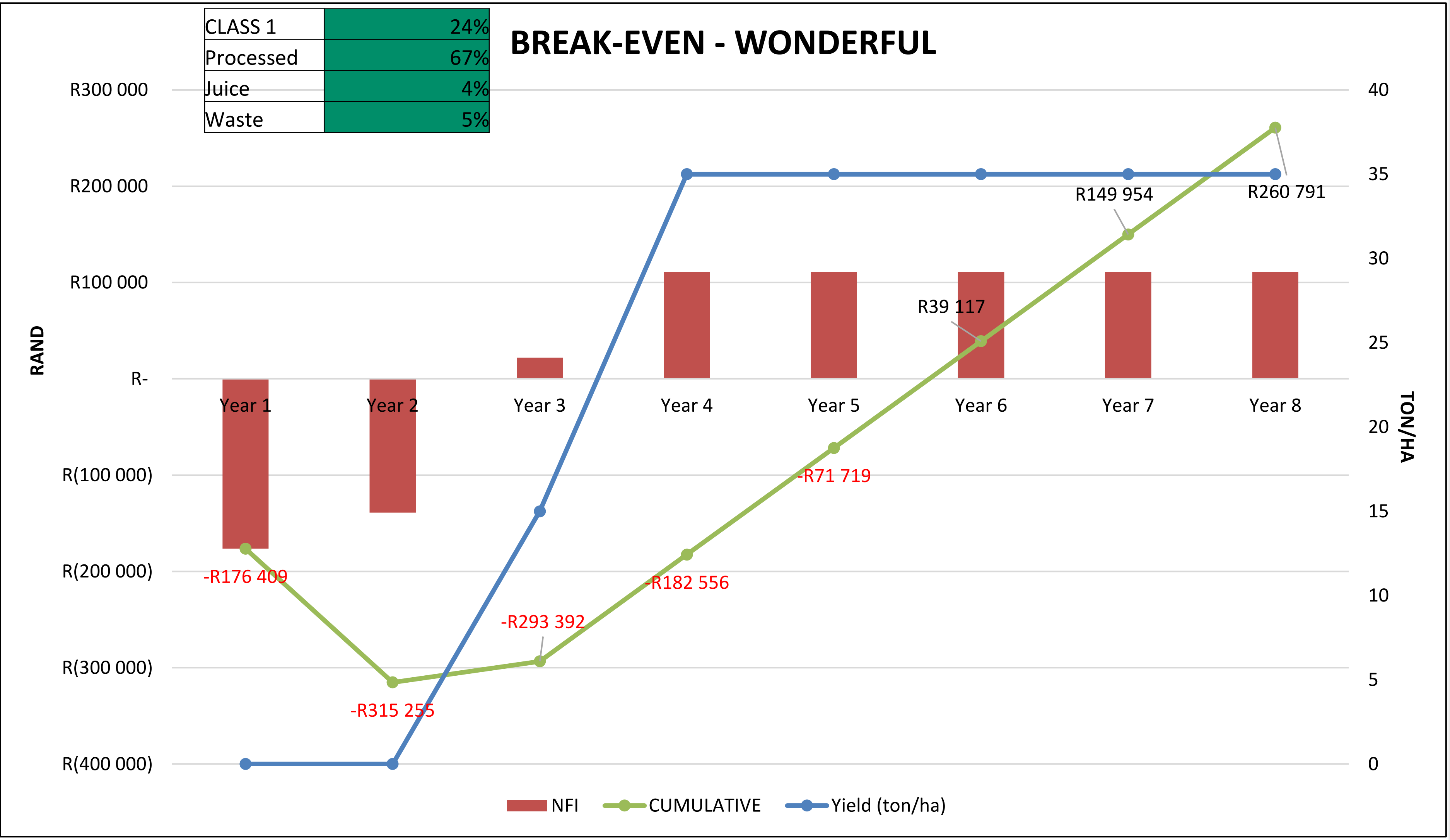
13%

NON-BEARING	
CAPITAL LAYOUT	**44 212**
Trellissing	60 506
OVERHEAD COST	**32 275**
TOTAL COST	**136 993**

Break-even - WONDERFUL

Production Curve: 90% Pack-out	
Yr 3 = 15 ton/ha	
Yr 4+ = 35 ton/ha	

CLASS 1	R91,34	3.8 kg Carton
Processed	R12,8	Per KG
Juice	R880	Per Ton



Break-even - HERSCHOWITZ

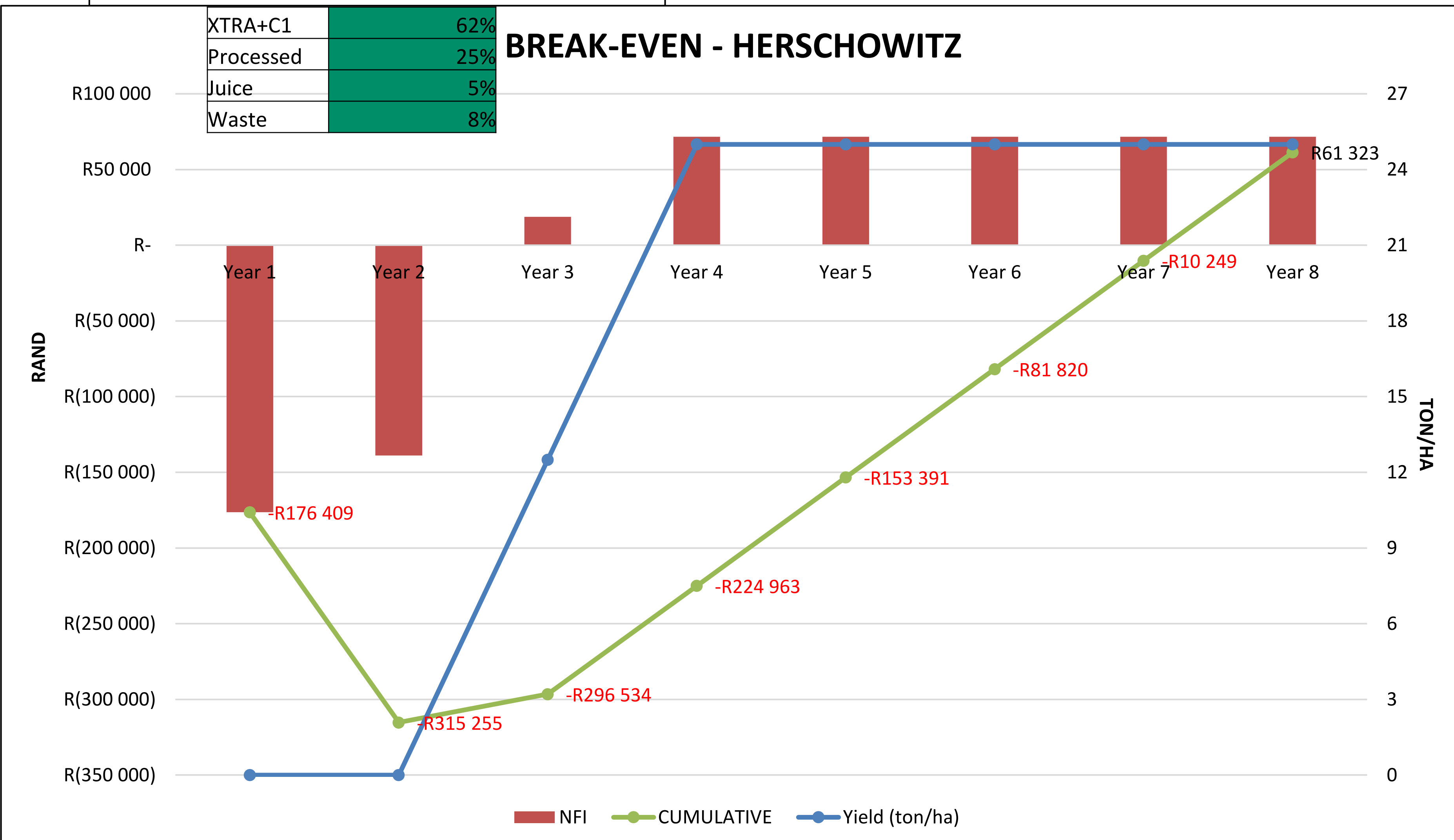
Production Curve: 90% Pack-out

Yr 3 = 12,5 ton/ha

Yr 4+ = 25 ton/ha

Class 1	R80,00	3.8 kg Carton
Processed	R9,88	Per KG
Juice	R880	Per Ton

XTRA+C1	62%
Processed	25%
Juice	5%
Waste	8%



Break-even - ACCO

Production Curve: 90% Pack-out
Yr 3 = 11 ton/ha
Yr 4+ = 22 ton/ha

Class 1	R77,33	3.8 kg Carton
Processed	R12,01	Per KG
Juice	R880	Per Ton

XTRA+C1	67%
Processed	22%
Juice	4%
Waste	7%